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FOR IMMEDIATE RELEASE

Clearwire Brings Fast, Simple and Portable Wireless Internet Service to Seattle, Everett, and Tacoma

*Clearwire Celebrates the Launch of its Largest Market to Date with the First-Ever
Laser Light Show at the Seattle Space Needle;
Clearwire Works with Community Organizations to Help Enhance the Ways Local
Area Youth Live and Learn*

KIRKLAND, WA (November 15, 2006)—Clearwire Corporation (www.clearwire.com) - a provider of next-generation wireless Internet services enabling fast, simple, portable and reliable communications anytime and anywhere within Clearwire's coverage area - announced today it has officially launched its service in Seattle, Everett, Tacoma and surrounding areas. More than two million people in the greater Seattle area are now eligible to subscribe for Clearwire's service.

"Clearwire's wireless technology can help users realize more freedom and the potential of the Internet," said Craig McCaw, chairman and co-CEO of Clearwire. "Our goal has always been to look at the wants and needs that people have in ways the major carriers didn't have interest or time to pursue. Clearwire is delivering on this goal by providing services that are differentiated from everything else that is currently available. We are seeing the same phenomenon today that we saw in cellular more than 20 years ago - people like the idea of not being tied to a specific location by a cable in order to communicate and access information."

"The Seattle, Tacoma and Everett deployments constitute Clearwire's largest market to date, making our services available now to more than eight million people in more than 360 cities and towns across the United States," said Ben Woiff, co-CEO and co-president of Clearwire. "We are changing the way people access all the internet has to offer by delivering services that are fast, simple, portable, reliable and affordable. No other service provides all of these benefits in one package the way we do."

Clearwire provides an easy off-the-shelf wireless high-speed Internet solution. Customers typically have the service operating within minutes of receiving the modem without any need for a technician to visit. There is no software to load and generally no configuring or changes to the customer's computer. The fast and simple service can be accessed by simply taking the modem out of the box, plugging it in and connecting the Ethernet cord to the customer's computer. With users such as real estate professionals, contractors, students, home-based educators, public safety organizations and families. Clearwire's simple and portable service enables customers to access the Internet in creative and unexpected ways.

"With Clearwire's service, we constantly see our customers redefine how they live and work," said Perry Satterree, Clearwire's co-president. "We see customers invent new solutions and use Clearwire in ways which allow them to truly

experience the Internet on their terms.'

Consistent with Clearwire's efforts to support the communities in which it operates, today's launch is coupled with Clearwire's announcement that it is working with local organizations to contribute its services to address the educational and communications needs of young people located in the Seattle, Tacoma and Everett communities in new and unique ways.

The company announced its "Clearly Connected Communities" initiative through which it will provide its simple and portable Internet service to community organizations assisting foster cars, homeless and seriously ill children. The goal of Clearwire's initiative is to provide a means for children and teens to make meaningful connections with friends and loved ones and to take advantage of learning opportunities and entertainment that would not otherwise be available – breaking the barriers resulting from isolation or limited resources. Clearwire plans to work with several local organizations, which initially include: Starlight Starbright Children's Foundation (www.starlight-washington.org), 826 Seattle (www.826seattle.org), Team Read (www.teamread.com), and the Mockingbird Society (www.mockingbirdsociety.org). "We want to make a difference and apply our technology and services in ways that are important to the greater Seattle community," said McCaw.

Clearwire will celebrate the launch of its service in the greater Seattle area by presenting a laser light show tonight at the Seattle Space Needle. The first of its kind for the iconic Seattle landmark, the laser light show promises to be the largest in the city's history.

Customers can sign up for the Clearwire service by calling 1-888-CLEARWIRE or going to www.clearwire.com. In addition, customers can buy Clearwire at Best Buy stores, located in each of the Clearwire markets, as well as Clearwire authorized representatives, Clearwire retail locations and mail kiosks.

About Clearwire

Clearwire, founded by Craig McCaw, is a provider of reliable, wireless high-speed internet service. Clearwire, headquartered in Kirkland, Wa., has launched wireless high-speed Internet service in 32 metro markets, covering more than 360 cities and towns in Alaska, California, Florida, Hawaii, Idaho, Minnesota, Nevada, North Carolina, Oregon, Texas, Washington and Wisconsin in the United States, as well as Ireland, Belgium, Denmark (under the Clearwire name with Danske Telecom) and Mexico (via its partner MVSNet). For more information, visit www.clearwire.com.

For more information please contact Teresa Fausti at (425) 828-8018 or teresa.fausti@clearwire.com or Emily Killoren at (206) 268-2267 or emily.killoren@edelman.com

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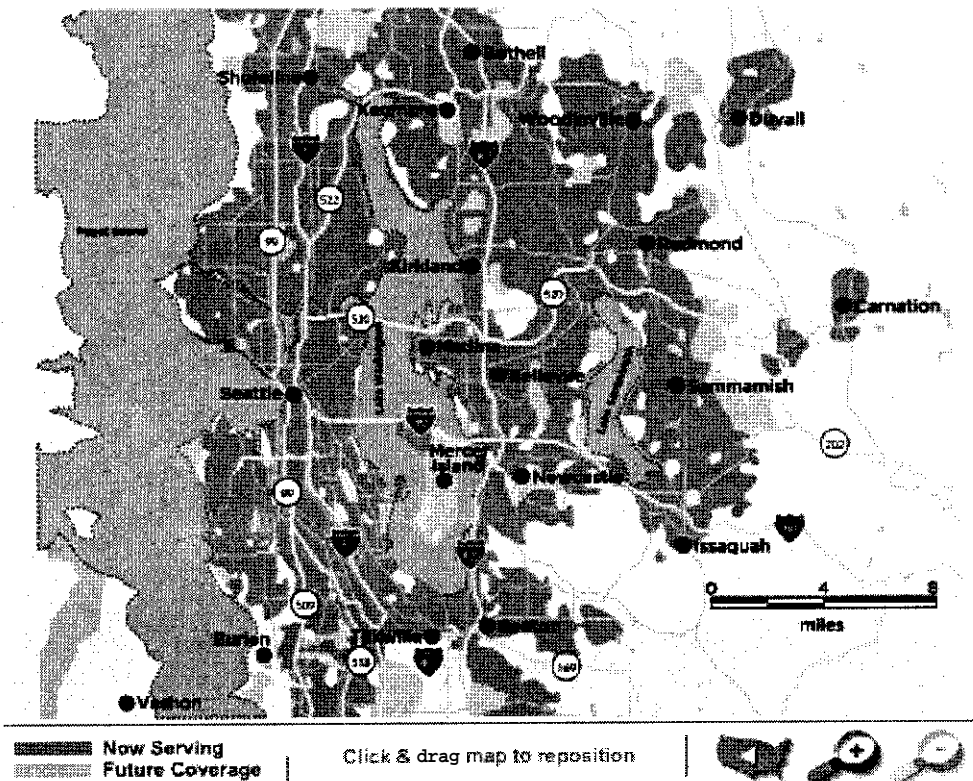
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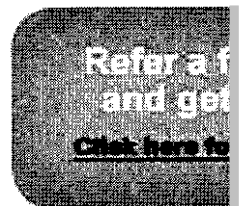
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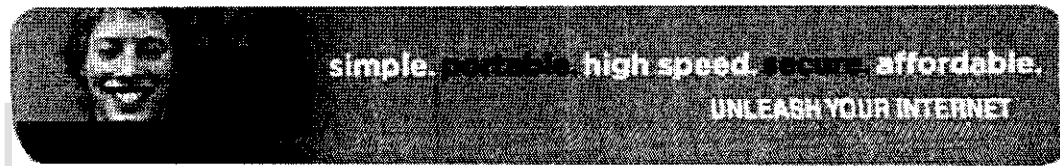
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Trends & Forecasts

North American Residential VoIP Market to Increase Growth

By Newsdesk
Jul 19, 2005

Voice over Internet protocol (VoIP) service providers are gearing up to deal with the substantial increase in demand as well as challenges associated with moving into the mass market. They have to address the issues of pricing, regulatory uncertainty, and competition to be successful in the big league.

New analysis from Frost & Sullivan on North American Residential VoIP Markets reveals that market revenue totaled \$295.1 million in 2004 and expects to reach \$4,076.7 million in 2010.

Mass-market customers, unlike early adopters, are not attracted to new technology. They must be convinced that IP telephony is superior to plain old telephone service (POTS) and can provide access to 911 networks.

"Customer apprehension about the value of the service can be overcome by increasing awareness about the advantages of VoIP over traditional telephony," says Frost & Sullivan Senior Analyst Lynda Stan. "The issue of providing timely access to 911 can be alleviated through industry cooperation."

Once all issues are resolved, VoIP-based services will burgeon due to greater broadband penetration, service providers' need to increase revenue, and availability of low-priced services.

While potential subscribers are likely to show initial interest in IP telephony due to its cost savings, they will choose the service for additional features such as virtual numbers and videoconferencing.

VoIP also enables advanced features including Web-based call logs, click-to-dial, and scheduling phone calls. These options increase customer satisfaction and offer providers additional revenue streams.

However, some participants such as the incumbent telecommunications service providers correctly perceive competition from new IP telephony providers as a threat to their revenue. In the past, incumbent local exchange carriers (ILECs) in the United States have lost 15.0 million access lines to various competitors. Many of these lines are second lines used by teens, telecommuters, and for data lines.

"Residential subscribers are likely to replace second lines with wireless or VoIP; the benefits of VoIP include lower cost, additional features and ease of use," notes Starr. "If an ILEC offers

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VoIP, it risks cannibalizing traditional revenue but also opens up new revenue streams."

The residential VoIP market expects to witness significant growth in the customerbase and revenue despite residential VoIP subscriptions still being in the nascent market stage.

Service providers that **also** deal in cable, Internet service provider (ISP), and non-telecom operations are likely to enter the market, and thereby drive the growth of VoIP lines from 1.5 million to more than 18.0 million during 2004-2010.

North America Residential VoIP Markets is part of the IP Communications subscription and discusses the opportunities and challenges faced by virtual network operators, incumbent providers, cable operators, and other new service providers targeting the market with VoIP-based services. It also enables companies to align their positioning strategies to benefit from the changing market and obtain maximum return on investment.

Frost & Sullivan serves an extensive clientele that includes Global 1000 companies, emerging companies, and the investment community by providing comprehensive industry coverage to reflect a unique global perspective and combines ongoing analysis of markets, technologies, econometrics, and demographics.

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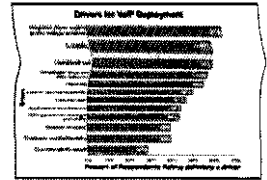
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Enterprise VoIP adoption in North America will more than double in 2010

BOSTON, Massachusetts, May 10, 2006—While voice over IP is still in the early phase of adoption, it's starting to go mainstream, says a new study from Infonetics Research, **User Plans for VoIP: North America 2006**.

In the three years Infonetics has conducted VoIP adoption surveys as part of their larger study on VoIP usage, one trend is clear: the number of small, medium, and large organizations that plan to deploy or at least evaluate the technology is rising steadily. At the same time, awareness of available products and services is increasing, and while awareness doesn't necessarily translate into deployments, it is one of the first obstacles any new technology must overcome.

"Our forecasts show a continued steady uptake of VoIP over the next few years, with adoption following a relatively straight line, not the S-shaped curve typically seen in the adoption of emerging technologies," said Matthias Machowinski, directing analyst at Infonetics Research. "That's because VoIP uptake is largely tied to an organization needing a new phone system, and when companies buy a new phone system, they generally invest in the latest technology, which happens to be VoIP-based now. By our estimates, almost half of small and two-thirds of large organizations in North America will be using VoIP products and services by 2010."

A number of companies that are moving voice network investments aggressively from TDM to VoIP are actually decommissioning their legacy TDM PBXs, the ultimate show of confidence illustrating that VoIP has become enterprise-grade.

Study Highlights

- 36% of large, 23% of medium, and 14% of small North American organizations interviewed were already using VoIP products and services in 2005
- VoIP adoption will triple by 2010 among small organizations in North America
- The top drivers for deploying VoIP are having an integrated phone system across multiple locations, scalability, operational cost savings, and converging voice and data networks
- Next to basic voice, money-saving long distance/toll bypass is the highest ranked application for VoIP
- The percent of users at respondent sites accessing VoIP over wireless LANs grows from 5% in 2006 to 20% in 2008
- Among respondents using in-house VoIP, the most commonly used protocols for their IP phone endpoints now and in 2008 are SIP and the 4 versions of H.323
- Cisco, Avaya, and Nortel, the top PBX manufacturers in North America, head the list of manufacturers of VoIP products currently in use (IP PBXs, gateways, and IP phones)
- Organizations spent an average of \$47,667 on hosted VoIP in 2005, growing 34% to \$63,799 in 2007; for managed CPE, expenditures grow from \$10,865 in 2005 to \$28,367 in 2007

Infonetics conducted in-depth interviews with 240 small, medium, and large organizations that use VoIP products and/or services now or will by 2007, an additional 450 shorter interviews to determine VoIP adoption rates, and 150 exit interviews to determine why organizations are not deploying VoIP. Most respondents use in-house VoIP, some use managed VoIP services, and others use a combination of the two.

Download sample data at www.info.infonetics.com. For sales, contact Larry Howard, vice president, larry@infonetics.com, +1 (408) 583-3335.

Infonetics Research (www.infoinfonetics.com) is the premier international market research and consulting firm specializing in data networking and telecom. We provide a complete view of the market through constant interaction with equipment manufacturers, service providers, end-users, chip and component manufacturers, sales channels, and the financial community. We offer quarterly market share and forecasting, end-user survey research, service provider survey research, and service

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AT&T solves VoIP's 911 issue

By Leslie Cauley, USA TODAY

NEW YORK — AT&T says it's solved a problem that has dogged Internet-based phone service: how to provide emergency 911 to people who use VoIP — short for Voice over Internet Protocol — on the road.

The problem: VoIP users who call 911 from hotels and other remote sites sometimes can't be found by 911 operators. That's because the correct locations of these "nomadic" users don't show up on operators' screens.

The Federal Communications Commission has given Internet phone carriers until Nov. 28 to make their VoIP services 911-capable. AT&T's rival carriers are still working on the problem.

The national 911 service uses databases crammed with customers' home addresses to pinpoint the location of callers. VoIP is mobile. So home addresses are meaningless if a customer uses an Internet phone in a different location.

AT&T, which invented the USA's 911 service in 1968, estimates that about 5% of its 53,000 VoIP customers use the service on the road. There are about 2 million VoIP users nationwide.

"That is the bane of everybody's existence," says Robert Quinn, an AT&T vice president.

AT&T's nomadic solution, called Heartbeat, uses its Internet network to track the location of users. Here's how it works:

When VoIP customers power down, AT&T's network will automatically suspend VoIP service. Once the phone adapter is plugged back in, AT&T will ask the user to verify his or her location.

For customers who indicate they haven't moved, service will be instantly restored. If they have moved, they'll be directed to an 800 number or a Web page to register the new location.

AT&T's VoIP units — sold under the CallVantage name — are programmed to contact the carrier's global network once every 24 hours. During these communications, AT&T sends software upgrades and does maintenance.

Heartbeat works off that same protocol, Quinn notes.

AT&T's solution isn't foolproof. If a customer fails to verify he's moved to a remote location, AT&T has no way to check, Quinn says.

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The plan also has a limited reach. CallVantage now connects to about 50% of the "public safety administration points" that administer the 911 program. Those who travel outside that footprint will immediately lose service, Quinn says.

Quinn allows that AT&T's fix "isn't the most elegant solution." Still, he says, AT&T is hopeful it will help educate the public about VoIP, particularly the 911 limitations.

AT&T, which has been sold to SBC — the deal could close as early as next month — is open to licensing its Heartbeat solution to other carriers, Quinn says.

The letter outlining the Heartbeat plan was sent to the FCC on Friday. Quinn says AT&T developed the plan after talking with FCC Chairman Kevin Martin.

Vonage, the **USA's** biggest VoIP player, is working with vendors to meet the FCC's Nov. 28 deadline. Spokeswoman Brooke Schulz says Vonage's 911 plans are "moving along nicely."

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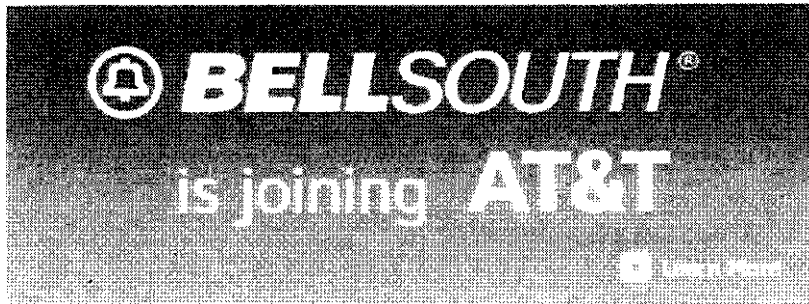
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Wholesale named one of the top Frost & Sullivan

Citing leadership in product innovation and marketing advancement, Frost & Sullivan selected AT&T Wholesale the 2007 North American Wholesale Business Services Company of the Year. AT&T was also recognized for its market potential, technological innovations and successful execution of key business initiatives.

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AT&T Named "Best National U.S. Wholesale Provider" in *Capacity Magazine's* Second Annual Global Wholesale Awards

San Antonio, Texas, November 13, 2006

Amsterdam, Netherlands — AT&T Inc. (NYSE:T) today announced that AT&T has further solidified its position as a leading provider of wholesale services, receiving the "Best National U.S. Wholesale Provider" award from *Capacity* magazine, as part of the publication's second annual Global Wholesale Awards. The award was announced at the *Capacity* Europe 2006 conference in Amsterdam.

Capacity is the only monthly publication that focuses on the latest business techniques and strategies for bringing innovation and efficiency to the global wholesale telecommunications industry. The judging panel for the awards included leading telecom industry analysts from the Yankee Group, Ovum and ATLANTIC-ACM as well as the editors of *Capacity*.

"AT&T won the "Best National U.S. Wholesale Provider" award based on the reach of the AT&T network, quality and performance of the network, as well as the company's successful integration post-AT&T and SBC merger," said Mark Kemp, CEO and editor in chief of *Capacity*. The award was judged on five factors: quality and performance of network, reach of network, speed to market, pricing strategy and investment in network.

"Our award-winning network that supports the convergence of voice, data, and video is key to helping our customers extend their reach and maximize their potential in a rapidly changing business environment," said Sherry Charles, vice president of AT&T Wholesale Marketing, AT&T Enterprise Services Inc. "From Day One, the AT&T-SBC merger integration has been customer-focused to simplify and improve processes and make the transition easy for customers. We are pleased to be recognized for our commitment to deliver reliable, cost-effective solutions built on a robust network infrastructure, and this award substantiates our leadership."

AT&T operates one of the largest, most sophisticated and secure communications networks in the world. AT&T's longstanding tradition of network performance, reliability, quality, innovation and security form the cornerstones of the services portfolio. AT&T's U.S. networks consistently deliver more than 99.99 percent network reliability, including more than 99.99 percent IP/MPLS network availability, through proactive 24x7 network monitoring.

AT&T has one of the largest voice networks in the U.S. Its transport facilities consist of more than 80,000 route miles of fiber optic cable, including 14,8 miles of next-generation fiber capable of supporting OC768. Overlaid with an intelligent optical network and over 6,700 SONET rings, AT&T has one of the largest and most reliable IP/MPLS networks in the U.S. connecting 36 cities via multiple OC48/OC192 links and more than 100 smaller cities to the backbone with multiple OC3s in a 3 star configuration. Earlier this year, AT&T announced its intention to upgrade core routes within its IP network to OC768.

As a leading provider of wholesale services, AT&T provides complete end-to-end solutions locally and globally for carriers, wireless operators, cable providers, systems integrators and Internet service providers. The company can help businesses grow by extending their footprint, strengthening their network infrastructure, making their internal business operations more efficient and complementing their existing offers with value-added application services.

Note: This AT&T release and other new announcements are available as part of an RSS feed at www.att.com/rss.

About AT&T

AT&T Inc. is one of the world's largest telecommunications holding companies and is the largest in the United States. Operating globally under the AT&T brand, AT&T companies are recognized as the leading worldwide providers of IP-based communications services to business and as leading U.S. providers of high speed DSL Internet, local and long distance voice, and directory publishing and advertising services. AT&T Inc. holds a 60 percent ownership interest in Cingular Wireless, which is the No. 1 U.S. wireless services provider with 58.7 million wireless customers. Additional information about AT&T Inc. and AT&T products and services is available at <http://www.att.com>.

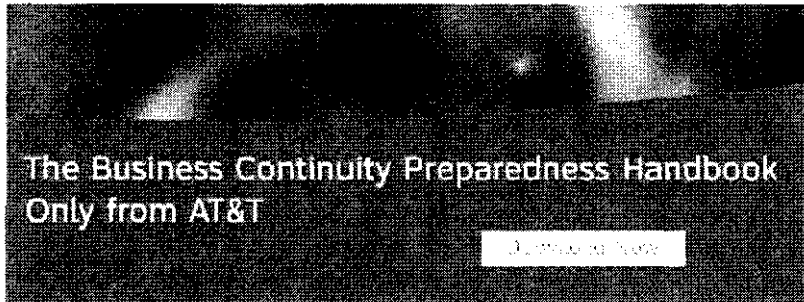
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> Wholesale

Products & Services



Voice .Networking Solutions

The full spectrum of wholesale voice capabilities provided by AT&T helps you simplify the way you purchase and use voice communication services which are highly marketable to your customers. With AT&T as your single-source provider, you gain access to our powerful voice networking solutions.

Local Voice Services
Long Distance Voice Services
IT Services

Data Networking Solutions

AT&T has been building and delivering mission-critical data services to service providers for many years. Our data services help you build flexibility, high reliability, performance and scalability into your service offerings.

Local Data & Access Services
Long Haul Data & Access

IP Networking Solutions

AT&T is a global market leader in IP networking. Our customers confidently and cost-effectively incorporate leading-edge technologies and capabilities into their own networks - and those of their customers - by selecting from AT&T's extensive wholesale IP and Managed Services portfolio.

Managed IP
IP Private Networks (VPNs)

Value Added Services

AT&T Value-added Services enable you to build flexibility, high reliability, performance and scalability into your application services offerings.

Contact Management Services
Web 2.0
Email Services

TRANSFORMING COMMUNICATIONS THROUGH BROADBAND INNOVATION



Covad Communications Group Inc.
Investor Presentation
Ticker: DVW

COVAD®



Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995:

This presentation discusses the Company's future business outlook. In this presentation we will make projections and other forward-looking statements regarding future events or the future operational and/or financial performance of the Company, including without limitation statements regarding future revenue, including VoIP, T1 and wireless revenue, A-EBITDA projections, our plans for new services, such as ADSL 2+, bonded T-1, metro Ethernet, G.SHDSL, IPTV, video, WiMAX service and wireless broadband, and the stability of the regulatory and legislative environment. The Company disclaims any obligation to update any projections, estimates or other forward-looking statements. We caution you that such statements are only projections and actual events or results may differ materially as a result of risks facing the Company or actual results differing from the assumptions underlying such statements. Such risks and assumptions include, but are not limited to, the Company's ability to continue to enhance and expand sales of its services, deploy new services, increase automation in its processes, respond to increasing competition from other companies that provide voice and data services, manage the Company's growth, maintain suitable interconnection agreements with the phone companies, all in a timely manner, at reasonable costs and on satisfactory terms and conditions, as well as new regulatory, legislative, and judicial developments. All forward-looking statements are expressly qualified in their entirety by the above "Risk Factors" and other risk factors and cautionary statements included in the Company's Forms 10-K and 10-Q filed with the SEC.

Please refer to our Q3 2006 Earnings Release and attached tables at <http://www.covad.com/companyinfo/investorrelations/> for reconciliations of non-GAAP financial measures to the most comparable GAAP financial measures.



Covad is a national, facilities-based provider of voice, wireline and wireless broadband services

- **Founded in 1996, recently celebrated 10th anniversary, ~1,000 employees**
- **As the leading next-generation communications service provider, we are transforming communications through broadband innovation**
 - Largest ADSL 2+ network with capabilities to deliver next generation broadband and voice services to over 14 million homes and businesses
 - Largest market share of Hosted VoIP with a complete product portfolio addressing the SMB market¹
 - Leading fixed wireless provider, uniquely positioned to capitalize on the emergence of WiMAX
- **National Network and Scalable Infrastructure**
 - 2,050 central offices across 235 MSAs
 - Next-generation network capability in 11 Tier 1 markets
 - LPVA, Bonded T1, ADSL 2+, MetroEthernet, Video, G.SHDSL
 - 100 wireless base stations passing 500,000 businesses
- **Making an excellent customer experience our #1 priority**
 - 532,000 Access Lines
 - 2,500 VoIP sites (47,000 users)
 - 3,100 Wireless customers



Covad has continued its transition from a wholesale broadband-only company to a differentiated Next-Generation Communications **Service** Provider.

- Actively transitioning from legacy, data-only products to bundled voice and data solutions sold direct
 - 43 06 Direct subscription revenue mix: \$40M, 37% of total subscription revenue
- Unique growth products continue to gain scale
 - \$44M in subscription revenue in 43 06, +51% from 43 05
 - Fueled primarily by T1, VoIP and Wireless
- Next-generation network build-out completed in 11 top markets
 - 758 central offices in Covad's largest markets, capable of offering service to over 1.4M homes and businesses
- Expanded wireless broadband services, presence in four key markets-**SFO/Bay Area, Los Angeles, Chicago, Las Vegas**
- New partners continue to seek Covad for its national scale and unique product capabilities



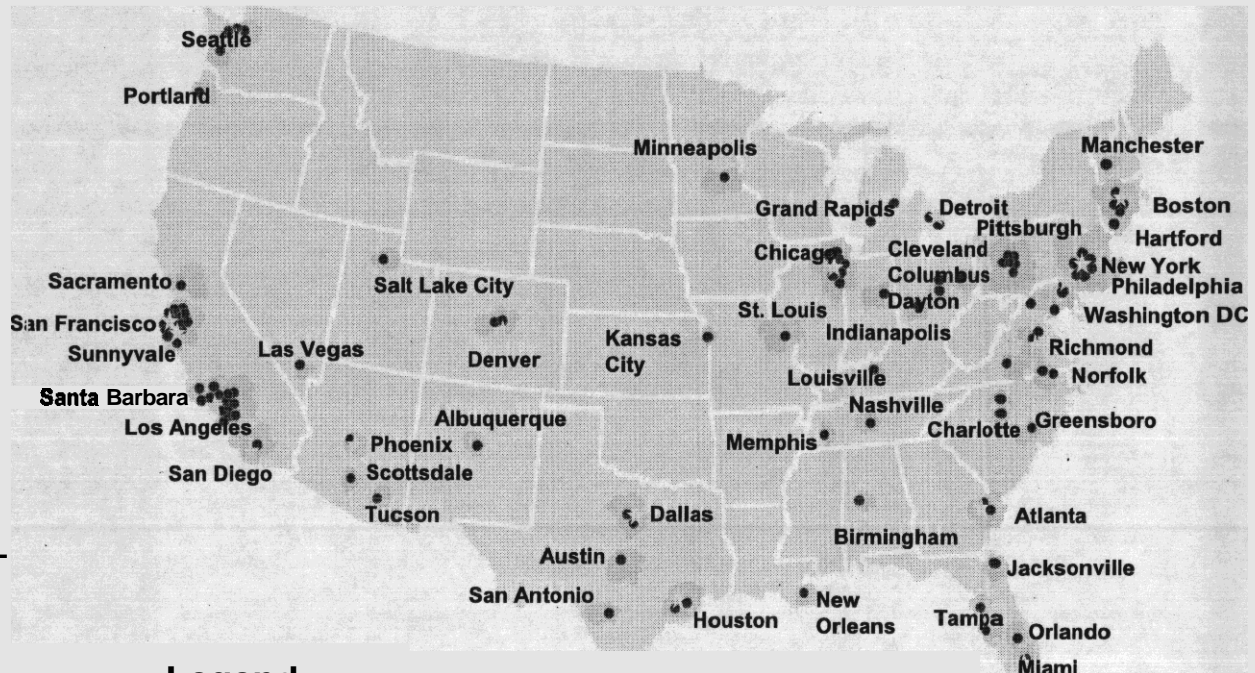
Covad Communications Group Inc.

Unique Assets



Largest National, Facilities-based, Next-Generation Communications Service Provider

- **2,050 COs in 235 MSAs**
- **Next-generation network**
 - 758 COs in top 11 markets*
 - Capable of serving ~14M+ homes and businesses
 - LPVA, Bonded TI, ADSL 2+, MetroEthernet, Video, G.SHDSL capabilities
- **100+ wireless base stations passing 500k+ businesses**
 - SF Bay Area, Los Angeles, Las Vegas, Chicago



Legend

- ATM Hub Sites
- ★ Internet Pops
- CO footprint

*Markets include: Atlanta, Chicago, Dallas, Los Angeles, Miami, New York City, Philadelphia, San Diego, San Francisco/San Jose, Seattle, Washington, DC

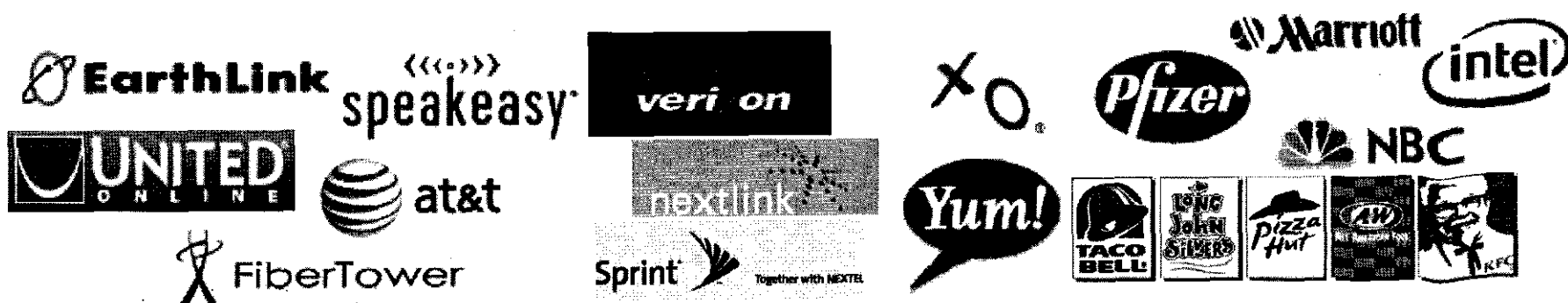


Covad's focus is driving growth from bundled voice and data products through its Direct channel, targeted at the SMB market

	Consumer	SOHO (1-5)	VSB (5-20)	SMB (21-100)	Distributed Enterprise (100-1,000)	Medium Enterprise (1,000+)
Covad Direct			xDSL, T1, VoIP, VOA, Wireless			
Covad Wholesale	LPVA, ADSL				VOA, xDSL, T1, Frame Access	

- **Accelerated revenue growth from differentiated products**
 - Fully launched LPVA in all 11 markets as of the end of 2006, sales volume has increased substantially
 - Strong growth expected to continue from T1, VoIP and Wireless
 - Leveraging the next-generation network capability for new products
 - LPVA: launched in Q4 06, ADSL 2+ and Bonded T1: 1H 07

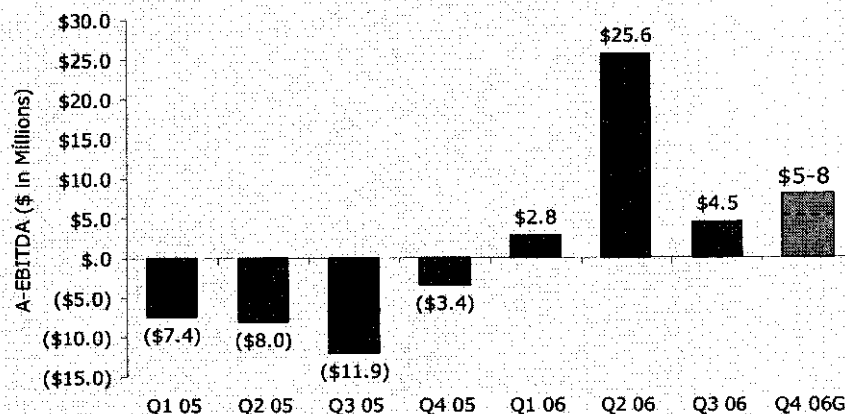
- **Unique set of assets will continue to attract strategic partners**



- **Recent AT&T merger concessions provide stable regulatory environment**
 - UNE and Special Access rate freeze until 2010
 - No forbearance petitions with the FCC during this time

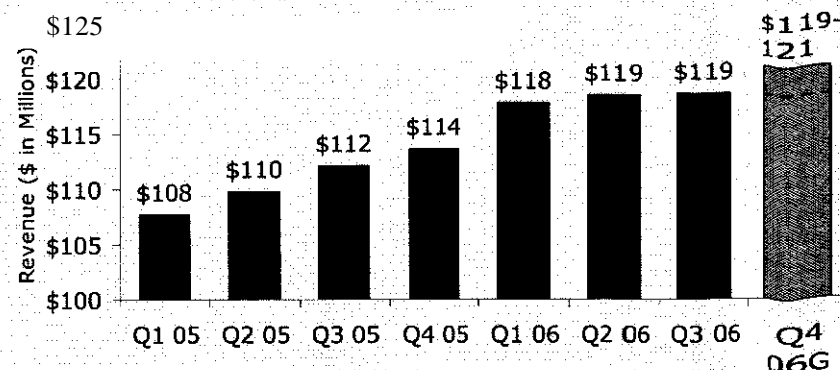


A-EBITDA



- \$16.4M in A-EBITDA growth
- 21% reduction in Q3'06 SG&A spend
- Cash flow positive in Q3'06, excluding \$14.6M in next-generation network project expenses

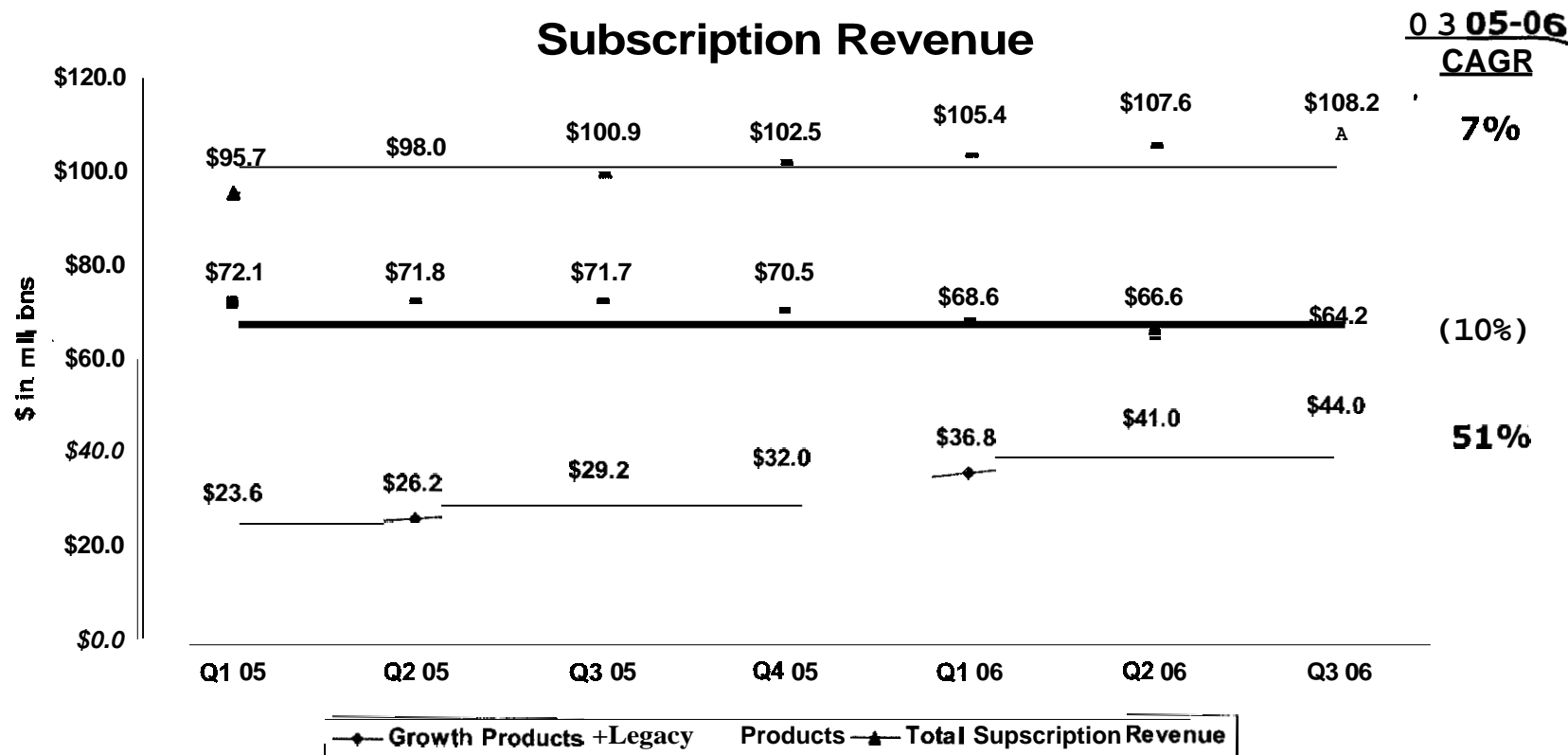
Total Revenue



- 25% Annual growth from Direct Business
- \$7M in VoIP subscription revenue in Q3'06, 84% annual growth
- \$22.8M in T1 subscription revenue in Q3'06, 43% annual growth
- 51% Annual growth from Growth Products

Notes:

- All annual growth and comparative metrics are measured from Q3'05 to Q3'06
- Q2'06 A-EBITDA includes the benefit of a transaction tax adjustment of \$19.5M and a \$2.1M employment related tax adjustment. Excluding these one-time items, A-EBITDA was \$4M
- Q1'06 includes \$1.7M benefit from ACCA; without ACCA, A-EBITDA in Q1'06 was \$1.0M



Legacy Products	ARPU	Q3 Mix
➤ Business SDSL	\$90-100	34%
➤ Consumer ADSL	\$20-25	20%
➤ Partner Circuits	N/A	4%
➤ Frame Access	\$70-80	1%

Growth Products	ARPU	Q3 Mix
➤ T1	\$300-400	21%
➤ Business ADSL	\$50-75	10%
➤ VoIP	\$1,500-2,000	6%
➤ Wireless*	\$300-350	3%
➤ LPVA	\$30-40	~1%
➤ Bonded T1**	N/A	0%

Note: ARPU's are blended across wholesale and direct segments

*hi-cap wireless ARPU: \$3,000-5,000

**bonded T1 available in 1H 07